



## COVID-19 (nCorona) Virus Outbreak Control and Prevention State Cell

Health & Family Welfare Department

Government of Kerala

### **INSTRUCTION TO DISTRICT SURVEILLANCE OFFICERS ON PREPARING A CONTACT MAP OF CASES FROM LOCAL TRANSMISSION**

**No. 31/ F2/2020/H&FWD- 2<sup>nd</sup> July 2020**

The COVID-19 pandemic is evolving and the field data and the clinical data is revealing new knowledge into the epidemiology of the disease. It is essential that the technical strategies and guidelines are refined based on the new knowledge for control and prevention of the disease as well as for the efficient resource management. The Department of Health and Family Welfare, Government of Kerala was the first state in India to issue comprehensive guidelines for Testing, Quarantine, Hospital Admission and Discharge for COVID-19 and also for various field works. The District Surveillance Units are doing contact tracing meticulously by using time stamping, rout mapping etc.

In order to facilitate the data analysis specially to identify any cluster of cases formations and need to do intensive prevention interventions in a localized areas, the following guidelines are issued.

1. Local transmission cases are those cases which are locally acquired from an international / interstate traveller or cases that may not have a travel or contact history. They are divided into two as follows:
  - a. Local transmission cases WITH history (contact with an International / interstate traveller or suspect/confirmed case)
  - b. Local transmission cases WITHOUT history (NO KNOWN HISTORY)
2. The line list of all such cases in the past 28 days are to be prepared with their age, sex, address etc.
3. Use a plain map of the district with all LSG's names and names of health care institutions
4. The contact map of local cases are to be prepared in three colours.
  - a. Make a spot map based on the address of the cases identified as local transmission
  - b. **BLUE** colour should be given to international / interstate travellers who have become positive in the last 28 days ●
  - c. **YELLOW** colour dots are to be given to cases with history ●
  - d. **RED** Colour dots are to be given to cases without any known history ●



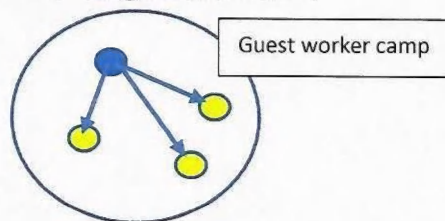
- e. **GREEN** colour dots are to be provided to Health Care Workers tested positive on their respective institutions marked on the map ●
- f. Epidemiologically linked cases (contacts) are to be linked as per the following with an arrow showing the direction of transmission **based on the day of onset of symptoms** if available. If no such information is available a straight line should be drawn connecting the dots:



- g. If the cases with history have a contact with a traveller then the dot of the traveller should be coloured in blue as follows:



- h. Boundary of wards/divisions of Panchayaths / Municipalities with **clustering** of cases (**2 or more local transmission cases in the last 28 days**) without any history should be coloured in **thick red colour**.
- i. Clustering of cases in institutions like hostels, camps should be encircled as and labelled as given below:



*Rajon*  
Principal Secretary